

Amendment and Response to Office Action

This listing of claims will replace all prior versions of the claims in the application:

Listing of Claims

1. (Withdrawn) A method for preparing an artificial patination material for a copper containing substrate said method comprising: using at least on copper salt as a raw material, precipitating said raw material with an alkali metal hydroxide to form a sludge; filtering a precipitate from the formed sludge stopping the reaction between the raw material and the alkali metal hydroxide with water, dispersing the precipitate with powerful mixing and an addition of a dispersing agent, and in addition, using both an oxidative agent and carbon as an agent for catalysing natural patina forming and at least one stable metal compound as a colour pigment for achieving a desired colour and/or colour tinge.
2. (Withdrawn) A method according to claim 1, wherein said copper salt is selected from the group consisting of copper sulfate, copper nitrate, copper chloride, and copper carbonate.
3. (Withdrawn) A method according to claim 1 or 2, wherein said copper salt is copper sulfate.
4. (Withdrawn) A method according to claim 1, wherein said oxidative agent is manganese dioxide.
5. (Withdrawn) A method according to claim 1, wherein said raw material includes an iron compound.
6. (Withdrawn) A method according to claim 1, wherein said oxidative agent is an iron compound.
7. (Withdrawn) A method according to claim 1, wherein said colour pigment is an inorganic metal compound.
8. (Withdrawn) A method according to claim 1, wherein said colour pigment is an iron compound.

Amendment and Response to Office Action

9. (Withdrawn) A method according to claim 1, wherein said colour pigment is an iron and aluminum compound, an iron, manganese, and aluminum compound, or an iron, manganese, silicon and aluminum compound.
10. (Withdrawn) A method according to claim 1, wherein said colour pigment is a manganese compound.
11. (Withdrawn) A method according to claim 1, wherein said colour is a copper compound.
12. (Withdrawn) A method according to claim 11, wherein said colour pigment is a copper carbonate compound, a copper silicate-copper carbonate compound, or a calcium copper silicate compound.
13. (Withdrawn) A method according to claim 1, wherein said colour pigment is a chromium (III) compound.
14. (Withdrawn) A method according to claim 1, wherein said colour pigment is a magnesium-aluminum- and potassium compound.
15. (Withdrawn) A method according to claim 1, wherein said colour pigment is coal.
16. (Withdrawn) A method according to claim 1, wherein the amount of the colour pigment in the patination material dry matter is no more than 5%.
17. (Withdrawn) A method according to claim 1, further comprising using an alkyd-based compound as a binder and adding the binder to the patination material during its preparation.
18. (Withdrawn) A method according to claim 17, wherein the amount of the binder is no more than 10% of the patination material dry matter.
19. (Withdrawn) A method according to claim 1, wherein the amount of dry matter in the patination material is between 15-50%.

Amendment and Response to Office Action

20. (Currently Amended) An artificial patination material for copper containing substrates wherein at least one copper salt is used as a raw material, precipitated with an alkali metal hydroxide and the formed sludge filtered for forming a precipitate paste, wherein the reaction between the raw material and the alkali metal hydroxide was stopped with water, the precipitate dispersed with powerful mixing and an addition of a dispersing agent, and the paste contains an oxidative agent and carbon for catalysing natural patina forming and at least one stable metal compound is used as a colour pigment for achieving desired colour and/or colour tinge.

21. (Previously Presented) A patination material according to claim 20, wherein an alkyd-based compound is used as a binder.

22. (Previously Presented) A patination material according to claim 20, wherein said copper salt is selected from the group consisting of copper sulfate, copper nitrate, copper chloride, and copper carbonate.

23. (Previously Presented) A patination material according to claim 20, wherein said copper salt is copper sulfate.

24. (Previously Presented) A patination material claim 20, wherein a part of the patination material is posnjakite ($\text{Cu}_4\text{SO}_4(\text{OH})_6 \cdot 2\text{H}_2\text{O}$) with a grain size between 0.2-80 .mu.m.

25. (Previously Presented) A patination material according claim 20, wherein a grain size of the patination material particles is between 0.2-100 .mu.m.

26. (Previously Presented) A patination material according to claim 20, wherein the amount of dry matter in the patination material is between 15-50%.

27. (Previously Presented) A patination material according to claim 20, wherein the binder covers only partially the patination material particles.

28. (Currently Amended) A patination material according to claim 20, wherein said colour pigment is an inorganic metal compound.

29. (Currently Amended) A patination material according to claim 20, wherein said colour pigment is an iron compound.

30. (Currently Amended) A patination material according to claim 20, wherein said colour pigment is an iron and aluminum compound, an iron, manganese and aluminum compounds or an iron, manganese, silicon and aluminum compound.

31. (Currently Amended) A patination material according to claim 20, wherein said colour pigment is a manganese compound.

32. (Currently Amended) A patination material according to claim 20, wherein said colour pigment is a copper compound.

33. (Currently Amended) A patination material according to claim 32 wherein said colour pigment is a copper carbonate compound, a copper silicate-copper carbonate compound or a calcium copper silicate compound.

34. (Currently Amended) A patination material according to claim 20, wherein said colour pigment is a chromium(III) compound.

35. (Currently Amended) A patination material according to claim 20, wherein said colour pigment is a magnesium, aluminum and calcium compound.

36. (Currently Amended) A patination material according to claim 20, wherein said colour pigment is coal.

37. (Previously Presented) A patination material according to claim 20, wherein the amount of the binder is no more than 10% of the patination material dry matter.

38. (Previously Presented) A patination material according to claim 20, wherein the storage time of the artificial patination material is several months.

39. (Previously Presented) A patination material according to claim 20, wherein the paste is storable in room temperature.

40. (Previously Presented) A patination material according to claim 20, wherein the amount of the color pigment is no more than 5% of the patination material dry matter.